Abstract

An invalid memory access detection program early detects invalid memory access caused by a program operating
5   in a system in which memory access can be freely performed, said program being called from a program operating in a system in which invalid memory access does not occur. An execution program of the Java VM executes a Java byte code that has been read. A native method library execution module calls a native
10   method library, and executes it. During or after the execution of the native method library, an invalid memory access detection module checks a memory area reserved by the memory reservation module, and thereby detects invalid memory access caused by the native method library.